

## Combined Declaration and Power of Attorney for Patent Application

HGS Ref. PB324P2  
Docket No. 1488.0740002/JMC/CBM

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled Nucleotide Sequence of Escherichia coli Pathogenicity Islands, the specification of which is attached hereto unless the following box is checked:

was filed on November 21, 1997;  
as United States Application Number 08/976,259  
was amended on November 21, 1997 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)	Priority Claimed		
(Application No.)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Application No.)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/061,953	October 14, 1997
(Application No.)	(Filing Date)
60/031,626	November 21, 1996
(Application No.)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application No.) abandoned	(Filing Date)	(Status - patented, pending,
(Application No.) abandoned	(Filing Date)	(Status - patented, pending,

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert G. Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; Samuel L. Fox, Esq., Reg. No. 30,353; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688; Michael Q. Lee, Esq., Reg. No. 35,239; Robert H. Benson, Esq., Registration No. 30,446; and A. Anders Brookes, Esq. Registration No. 36,373.

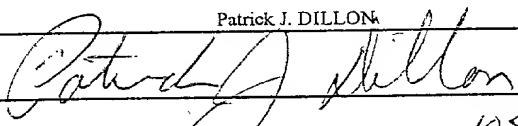
Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934

Direct Telephone Calls to:

(202) 371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Patrick J. DILLON	
Inventor's signature	 Date	
Residence	7308 Boxberry Terrace Gaithersburg, MD 20879	1055 Snipe Court Carlsbad, CA 92009
Citizenship	U.S.A.	
Post Office Address	SAME AS ABOVE	
Full name of second inventor	Gil H. CHOI	
Second inventor's signature	 Date	
Residence	11429 Potomac Oaks Drive Rockville, MD 20850	
Citizenship	Korea	
Post Office Address	SAME AS ABOVE	

Full name of third inventor	Rodney A. WELCH
Third inventor's signature	Date
Residence	410 Ridge Street Madison, WI 53705
Citizenship	U.S.A.
Post Office Address	SAME AS ABOVE
(Supply similar information and signature for subsequent joint inventors, if any)	

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SKGF Rev. 12/31/97mec

## Combined Declaration and Power of Attorney for Patent Application

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Prior Foreign Application(s)	Priority Claimed	
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Send Correspondence to:

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Full name of sole or first inventor	Patrick J. DILLON
Inventor's signature	Date
Residence	7508 Boxberry Terrace Gaithersburg, MD 20879
Citizenship	U.S.A.
Post Office Address	SAME AS ABOVE
Full name of second inventor	Gil H. CHOI
Second inventor's signature	Date
Residence	11429 Potomac Oaks Drive Rockville, MD 20850
Citizenship	Korea
Post Office Address	SAME AS ABOVE

Full name of third inventor <i>R.A. Welch</i>	Rodney A. WELCH	3/18/98
Third inventor's signature	Date	
Residence	410 Ridge Street Madison, WI 53705	
Citizenship	U.S.A.	
Post Office Address	SAME AS ABOVE	

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SKGF 3-7 12/31/97 pac

(Supply similar information and signature for subsequent joint inventors, if any)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dillon *et al.*

Appl. No. 08/976,259

Filed: November 21, 1997

For: Nucleotide Sequence of  
*Escherichia coli* Pathogenicity  
Islands

Art Unit:

Examiner:

Atty. Docket: 1483.0740002

Associate Power of Attorney

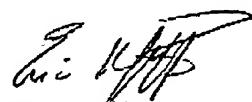
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, Eric K. Steffe, attorney of record in the present application, hereby appoints Kenley K. Hoover, Registration No. 40,302; James H. Davis, Registration No. 40,582; Joseph J. Kenny, Registration No. 43,710; Michele M. Wales, Registration No. 43,975; Michelle S. Marks, Registration No. 41,971; and Jonathan L. Klein, Registration No. 41,119, of HUMAN GENOME SCIENCES, INC., 9410 Key West Avenue, Rockville, MD 20850 as Associate Attorneys/Agents with full power to prosecute the above-identified application. All correspondence should be directed to HUMAN GENOME SCIENCES, INC. at the address indicated above.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Eric K. Steffe  
Attorney for Applicants  
Registration No. 36,688

Date: 12/24/97

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